

FIG. 1

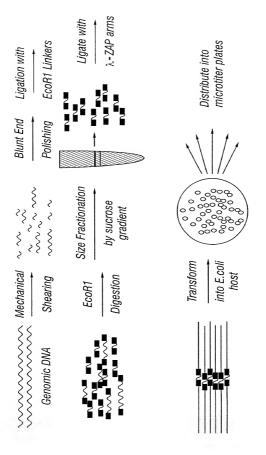


FIG. 2

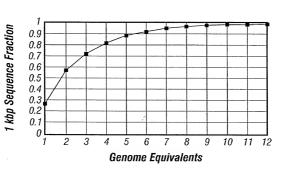


FIG. 3

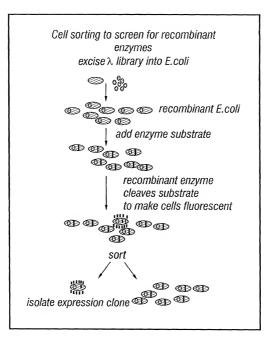


FIG. 4

β -Gal clone with different substrates

- cells were stained with FDG, CMFDG or C12FDG, incubated for 30 min. at 70°C, spotted onto a slide and exposed to UV light.
- bright spot indicates staining of cells

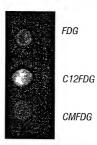


FIG. 5

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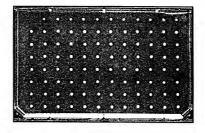


FIG. 6

$$R_1$$
 0 -Flour. $H_2\bar{0}$ R_1 0 + 0-Flour -

FIG. 7

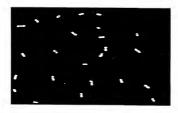


FIG. 8

$$H_3C(H_2C) \sim 0$$

$$0 \text{ CHCl}_3 \text{ Triethylamine N.N-Disopropylethylamine}$$

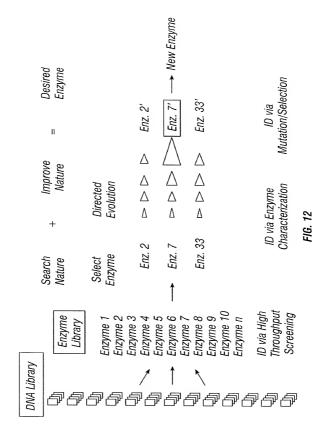
$$H_3C(H_2C)_{10} - C \sim NH$$

$$NH_2$$

F/G. 9

FIG. 10

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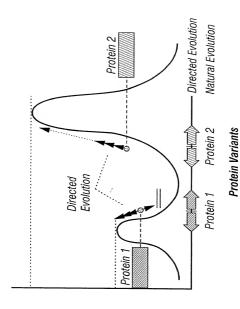
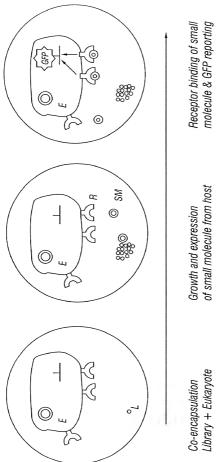


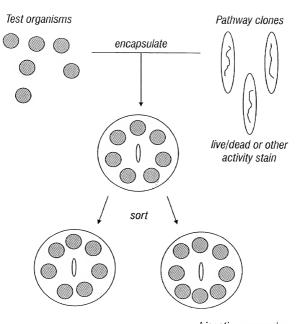
FIG. 13

Relative
- 1 Stability
- Solvent Stability
- Enzyme
- Enzyme
- Buffer Compatibility
- Process Compatibility
- Process Compatibility



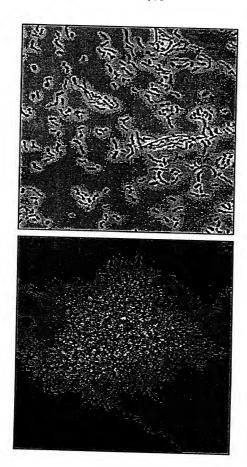
SIM = Small molecule R=Eukaryotic receptor L=Large insert library GFP = Green fluorescent protein E=Eukaryotic assay organism

FIG. 14



bioactive expression (e.g. live/dead, groth rate, metabolic stains etc.)

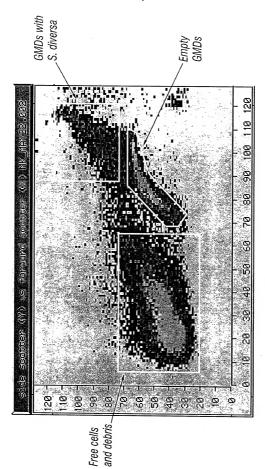
FIG. 15



Streptomyces lividans mycelia

Streptomyces "diversa" Unicells

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